

The shell has the plug and much the external appearance of the subgenus *Pododesmus*, but differs from it and all the other *Anomia*-*dæ* in the following particulars: 1. That the line which indicates the junction of the two edges of the sinus which forms the perforation, instead of being placed on the side of the ridge which supports the cartilage, is placed at a considerable distance from it; 2. The sides of the sinus are firmly soldered together, leaving only a circular hole; 3. The support of the cartilage, instead of being merely a ridge or process, here forms a large elongated subtriangular talus, like that found in the genus *Ostrea*; 4. It differs greatly in the number and form of the muscular scars; the two large ones in the free valves are placed as in the genus *Placunanomia*, and there is a third anterior one in each valve not found in any genus of the family, and very unlike the third scar of the genus *Anomia*. I know only of a single specimen of the genus, which is in the collection of Mr. Cuming, who believes that it came from California. It may be called *Tedinia pernoides*; subquadrangular, reddish, subsquamose, obscurely radiated, internally reddish brown.—*Proc. Zool. Soc.* June 24, 1851.

METEOROLOGICAL OBSERVATIONS FOR JUNE 1853.

Chiswick.—June 1. Overcast: slight rain. 2. Cold haze: overcast: heavy clouds. 3. Fine: clear. 4. Slightly overcast: cloudy and fine: clear. 5, 6. Very fine. 7. Hazy: very fine. 8. Very fine: overcast. 9. Cloudy and mild. 10. Fine. 11. Slight haze: fine. 12. Overcast: rain. 13. Constant rain. 14. Cloudy. 15. Very fine: heavy clouds: overcast. 16. Very fine: clear. 17. Cloudy and fine. 18. Fine. 19. Rain. 20. Very fine: cloudy and showery at night. 21. Very fine: rain: clear. 22. Cloudy: slight rain. 23. Fine: clear at night. 24. Very fine: clear. 25. Rain: cloudy: rain. 26. Overcast: rain at night. 27. Densely overcast: slight rain. 28. Overcast. 29. Cloudy and fine. 30. Showery.

Mean temperature of the month	59°·16
Mean temperature of June 1852	58·01
Mean temperature of June for the last twenty-seven years .	60·56
Average amount of rain in June	1·77 inch.

Boston.—June 1—5. Cloudy. 6. Fine: rain P.M. 7, 8. Fine. 9. Cloudy. 10—13. Fine. 14. Cloudy: rain, with thunder and lightning P.M. 15. Fine. 16. Cloudy. 17. Fine. 18. Cloudy. 19. Rain: rain A.M. and P.M. 20. Fine: rain P.M. 21. Cloudy: rain P.M. 22. Cloudy: rain A.M. and P.M. 23. Cloudy. 24. Fine. 25. Cloudy: rain A.M. 26, 27. Cloudy: rain A.M. and P.M. 28. Cloudy: rain A.M. 29. Fine: rain A.M. 30. Cloudy: rain P.M.

Sandwich Manse, Orkney.—June 1. Fog A.M.: damp P.M. 2, 3. Drops A.M.: cloudy P.M. 4. Cloudy A.M. and P.M. 5. Clear A.M.: cloudy P.M. 6. Cloudy A.M.: showers, fine P.M. 7. Clear, fine A.M.: clear P.M. 8. Clear A.M.: hazy P.M. 9. Drizzle A.M.: showers, fog P.M. 10. Fog A.M. and P.M. 11. Fog A.M.: showers, hazy P.M. 12. Hazy A.M. and P.M. 13. Bright A.M.: clear, fine P.M. 14. Bright, fine A.M.: cloudy P.M. 15. Showers A.M.: cloudy P.M. 16. Cloudy A.M.: cloudy, fine P.M. 17. Cloudy A.M.: rain P.M. 18. Rain A.M.: cloudy P.M. 19. Bright A.M.: rain P.M. 20. Damp A.M.: clear, fine P.M. 21. Clear, fine A.M. and P.M. 22. Clear, fine A.M.: fog P.M. 23. Damp A.M.: clear P.M. 24. Showers A.M. and P.M. 25. Showers A.M.: clear P.M. 26. Bright A.M.: clear P.M. 27. Rain A.M. and P.M. 28. Bright A.M.: cloudy P.M. 29. Rain A.M.: showers P.M. 30. Cloudy A.M. and P.M.

Mean temperature of June for twenty-six previous years	52°·69
Mean temperature of June 1852	55·33
Mean temperature of this month	55·21
Average quantity of rain in June for seven previous years ...	2·46 inches.